

I-74 Quad Cities

Corridor Update

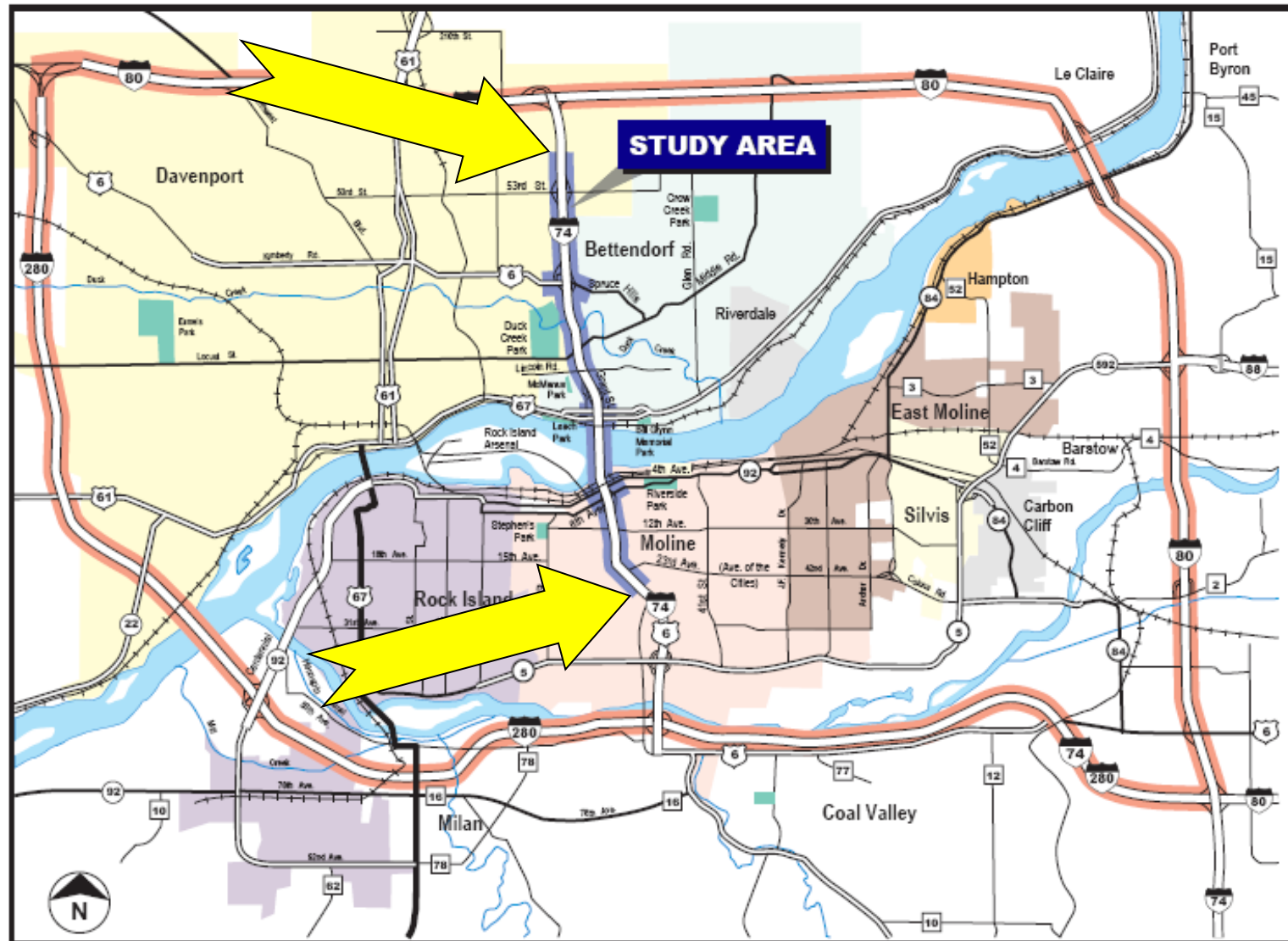
Briefing for Contractors

June 24, 2016

Doug Rick, Iowa DOT

I-74 Corridor Limits

Nearly 8 miles from Moline to Davenport



Existing I-74

Existing Bridge

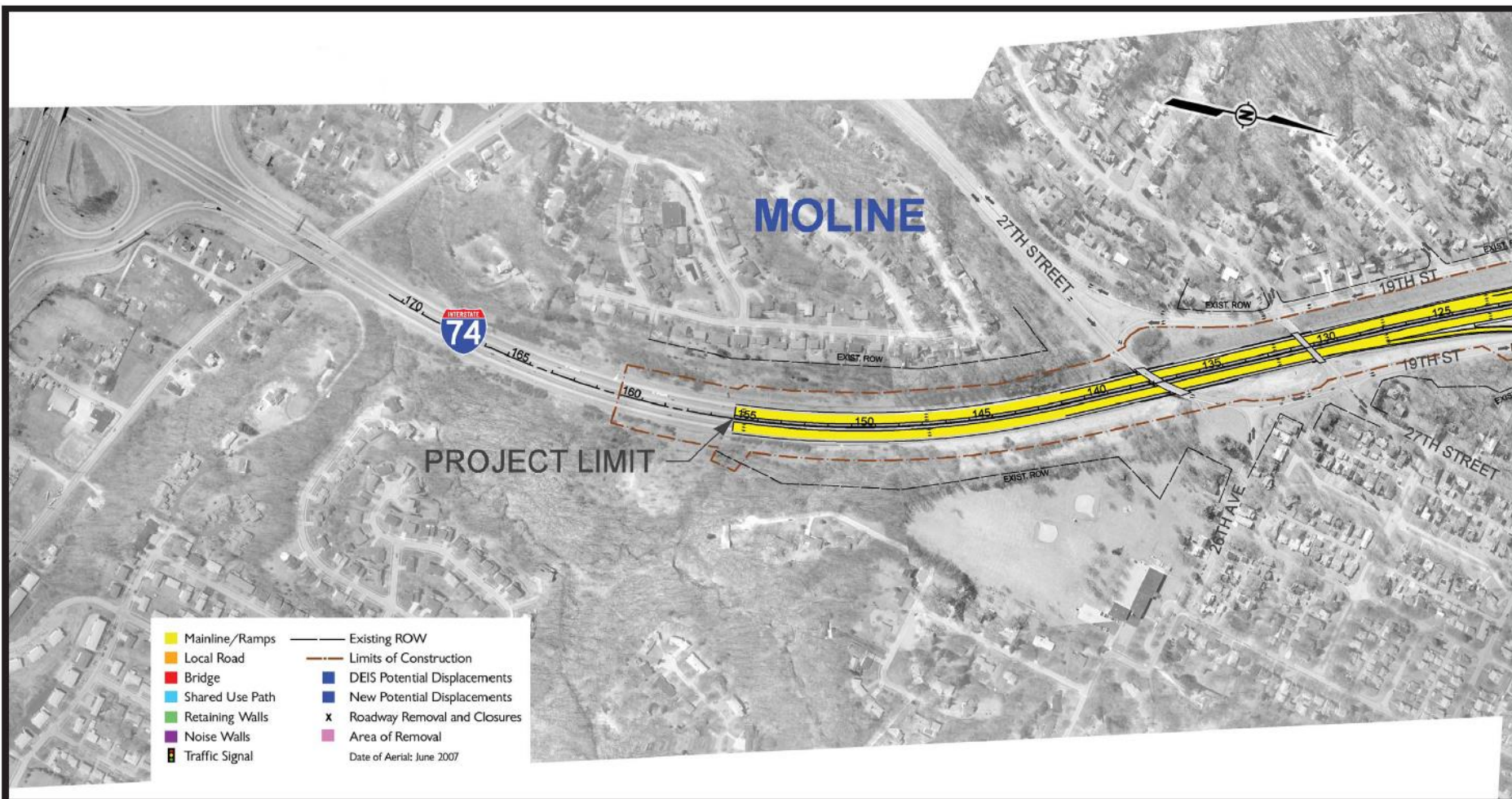
- Obsolete
- Need to improve capacity, safety and travel reliability.
- Repair Projects Continue



Existing Roadway



Proposed I-74

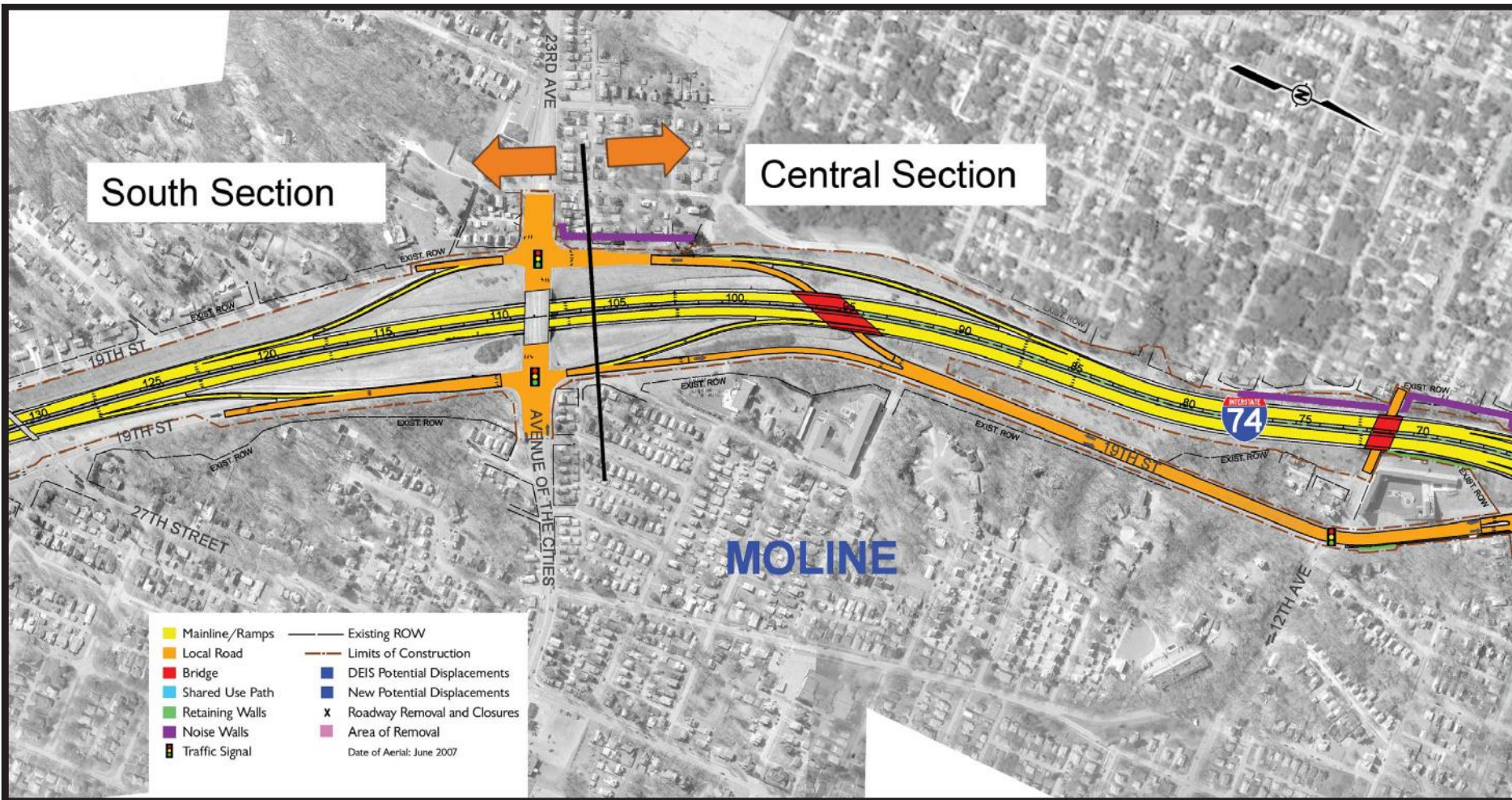


South Section

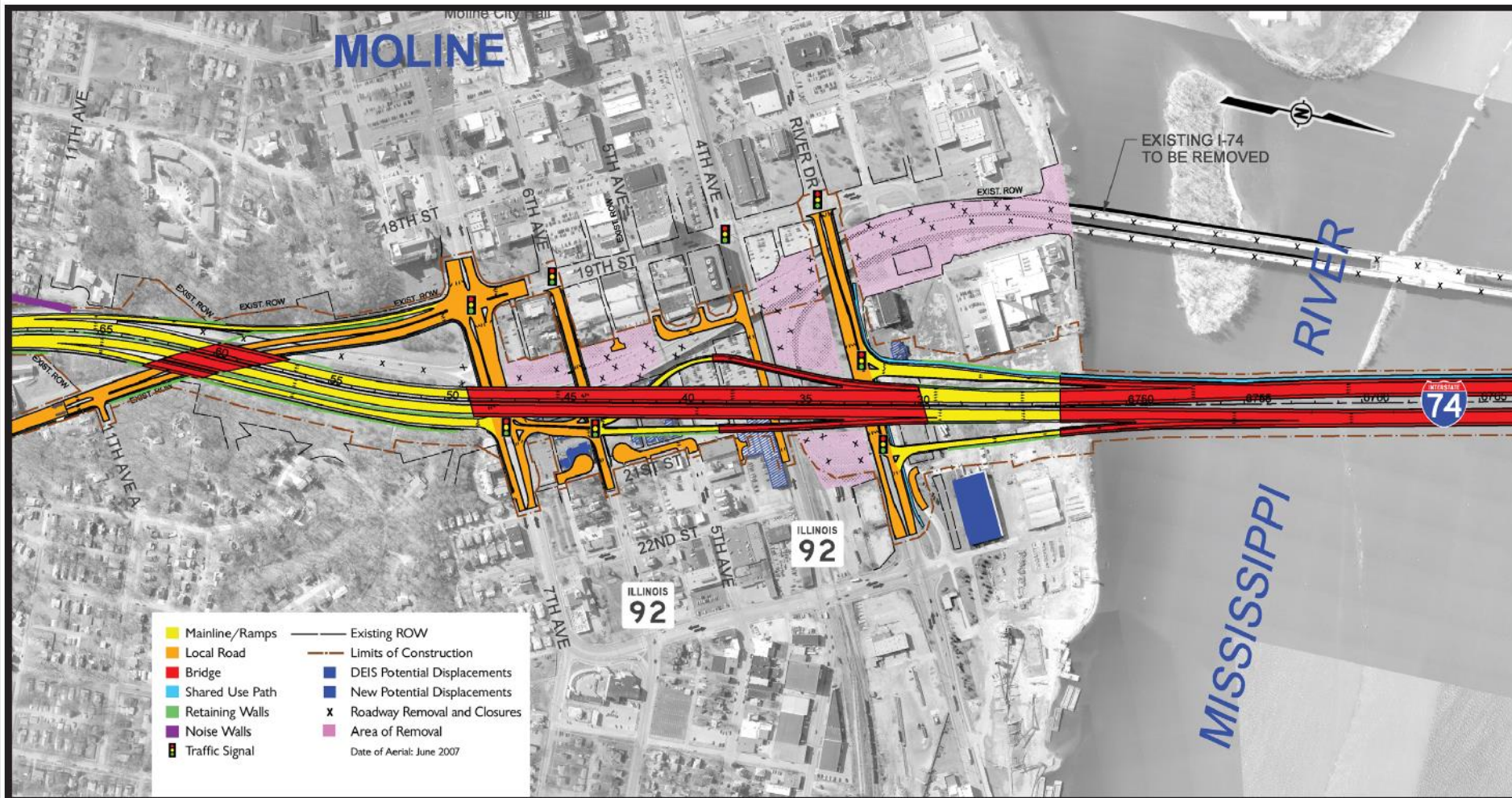
Central Section

MOLINE

- | | |
|---|--|
|  Mainline/Ramps |  Existing ROW |
|  Local Road |  Limits of Construction |
|  Bridge |  DEIS Potential Displacements |
|  Shared Use Path |  New Potential Displacements |
|  Retaining Walls |  Roadway Removal and Closures |
|  Noise Walls |  Area of Removal |
|  Traffic Signal | Date of Aerial: June 2007 |



Proposed I-74 Alignment in Moline



MOLINE

BETTENDORF

MISSISSIPPI RIVER

EXISTING I-74 TO BE REMOVED

NAVIGATION CHANNEL

SHARED USE PATH AND ELEVATORS

10TH ST

11TH ST

12TH ST

13TH ST

14TH ST

15TH ST

16TH ST

17TH ST

STATE ST

GRANT ST

BROWN ST

Bettendorf City Hall

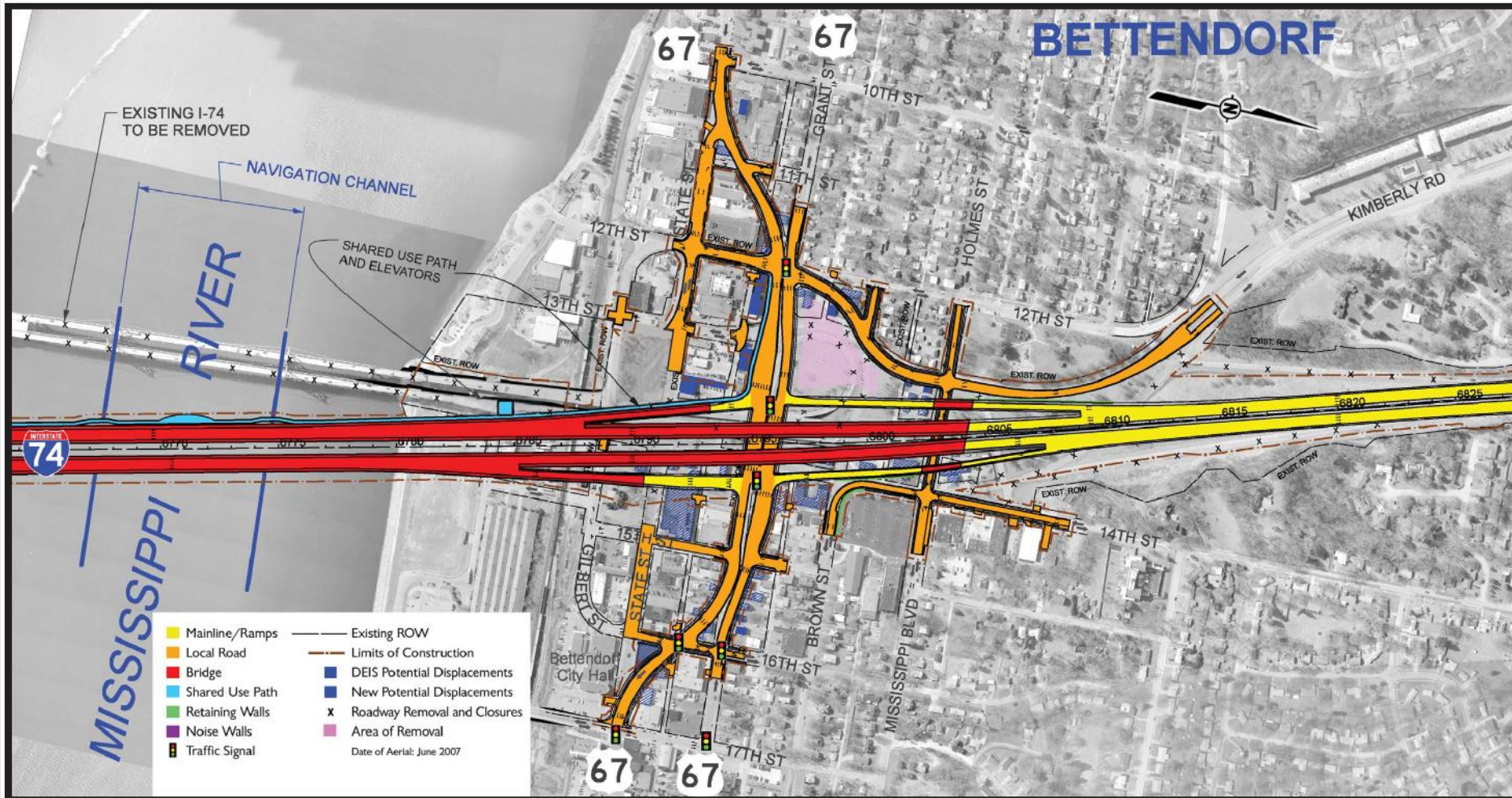
ILLINOIS 92

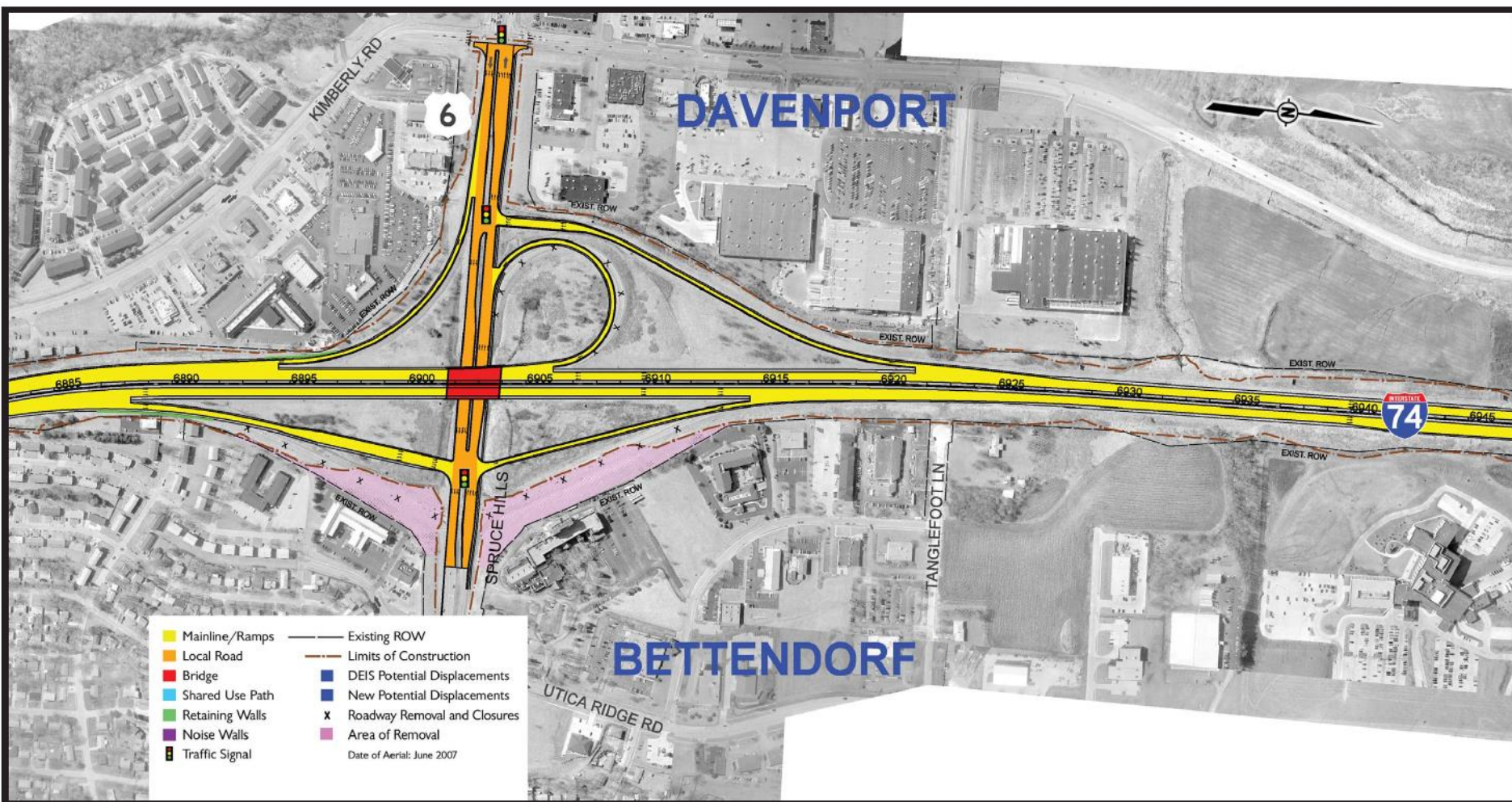
DATE OF AERIAL: JUNE 2007

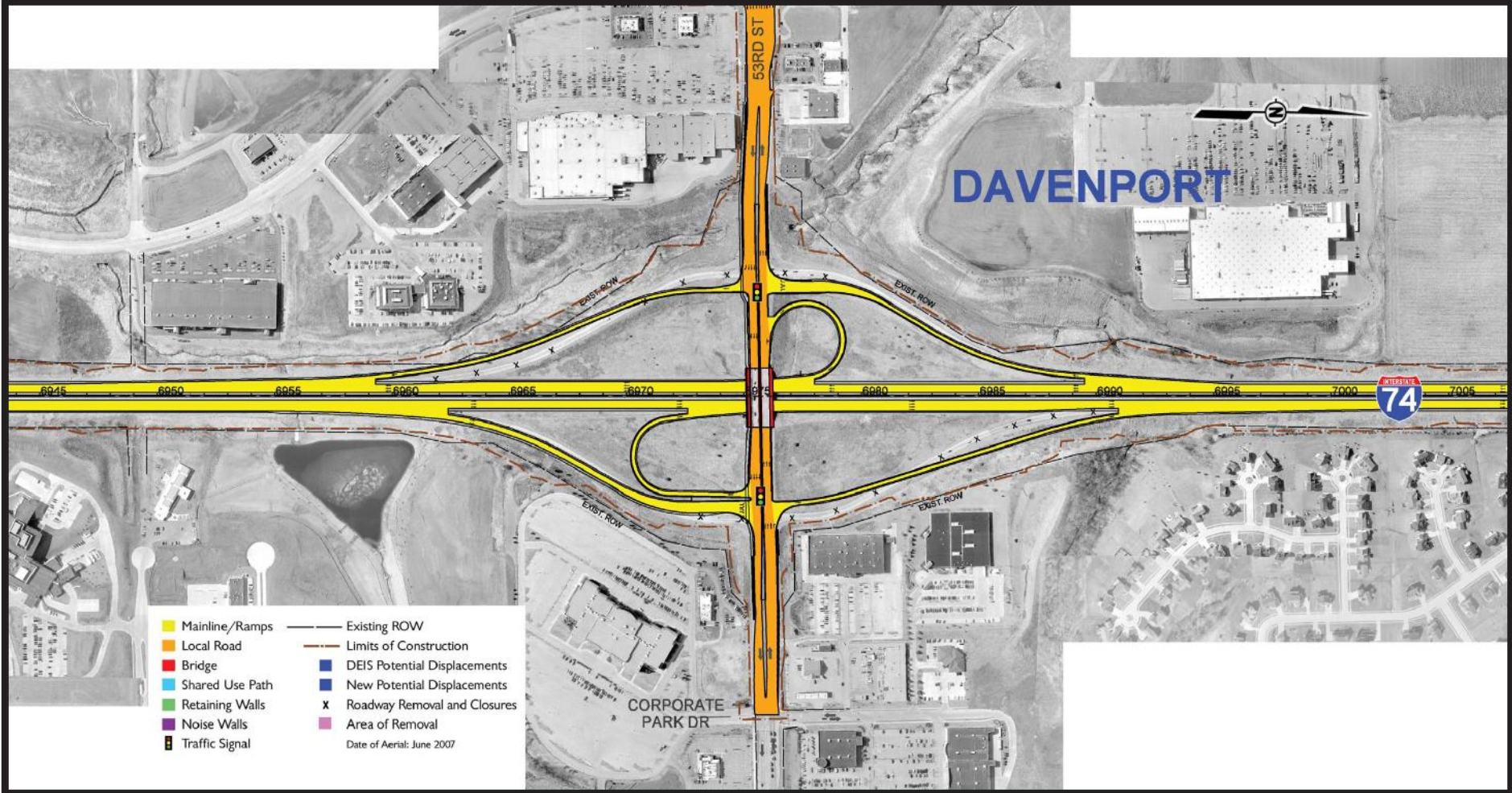
Legend:

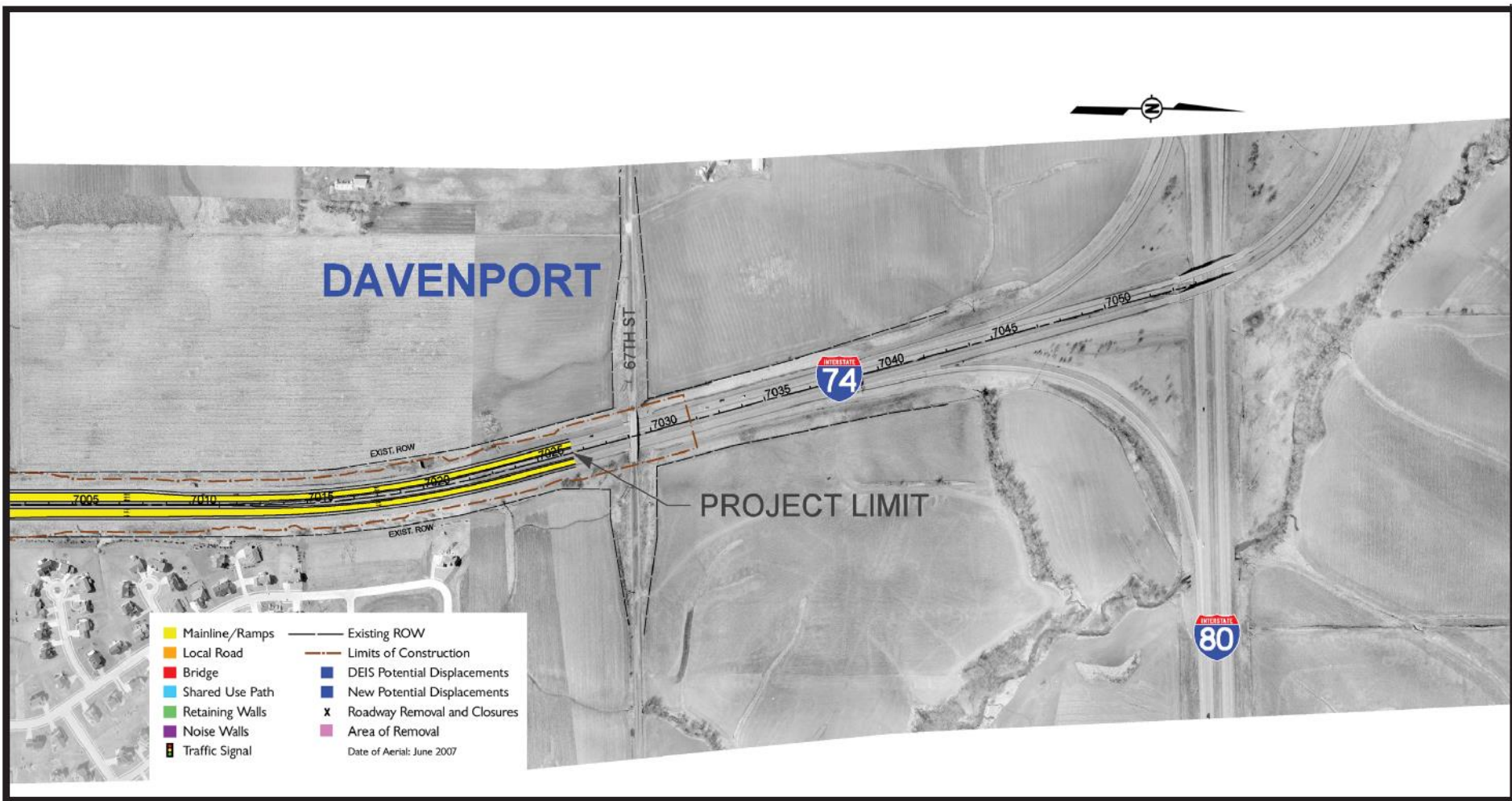
- Mainline/Ramps
- Local Road
- Bridge
- Shared Use Path
- Retaining Walls
- Noise Walls
- Traffic Signal
- Existing ROW
- Limits of Construction
- DEIS Potential Displacements
- New Potential Displacements
- Roadway Removal and Closures
- Area of Removal

Proposed I-74 Alignment in Bettendorf









True arch bridges spanning the navigation channel



- More Lanes
- Improved Alignment
- State of the art traffic monitoring and bridge health monitoring



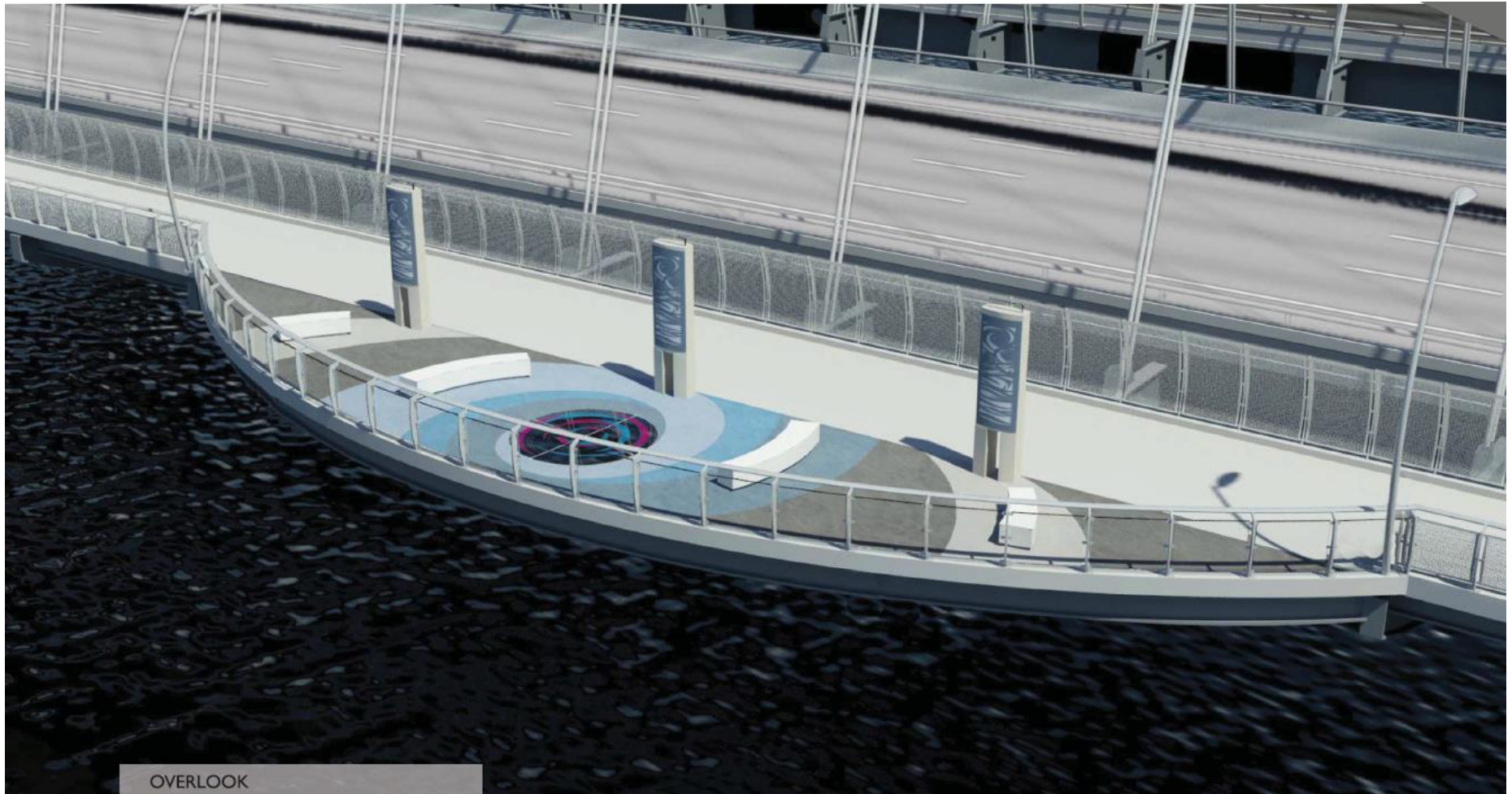
Bridge Piers



Shared use path



Scenic overlook



OVERLOOK

Bettendorf trail connection structure



Recent Developments

- Design work complete
- Advanced local road work is underway
- Property purchases continue in Illinois
- Utility relocations underway
- RFP out for general engineering consultant (GEC)
- Environmental mitigation plan begins this summer

Environmental Update

- ▶ Mussel *Lampsilis Higginsii* - Higgins Eye



MOLINE

Mussel Habitat Area

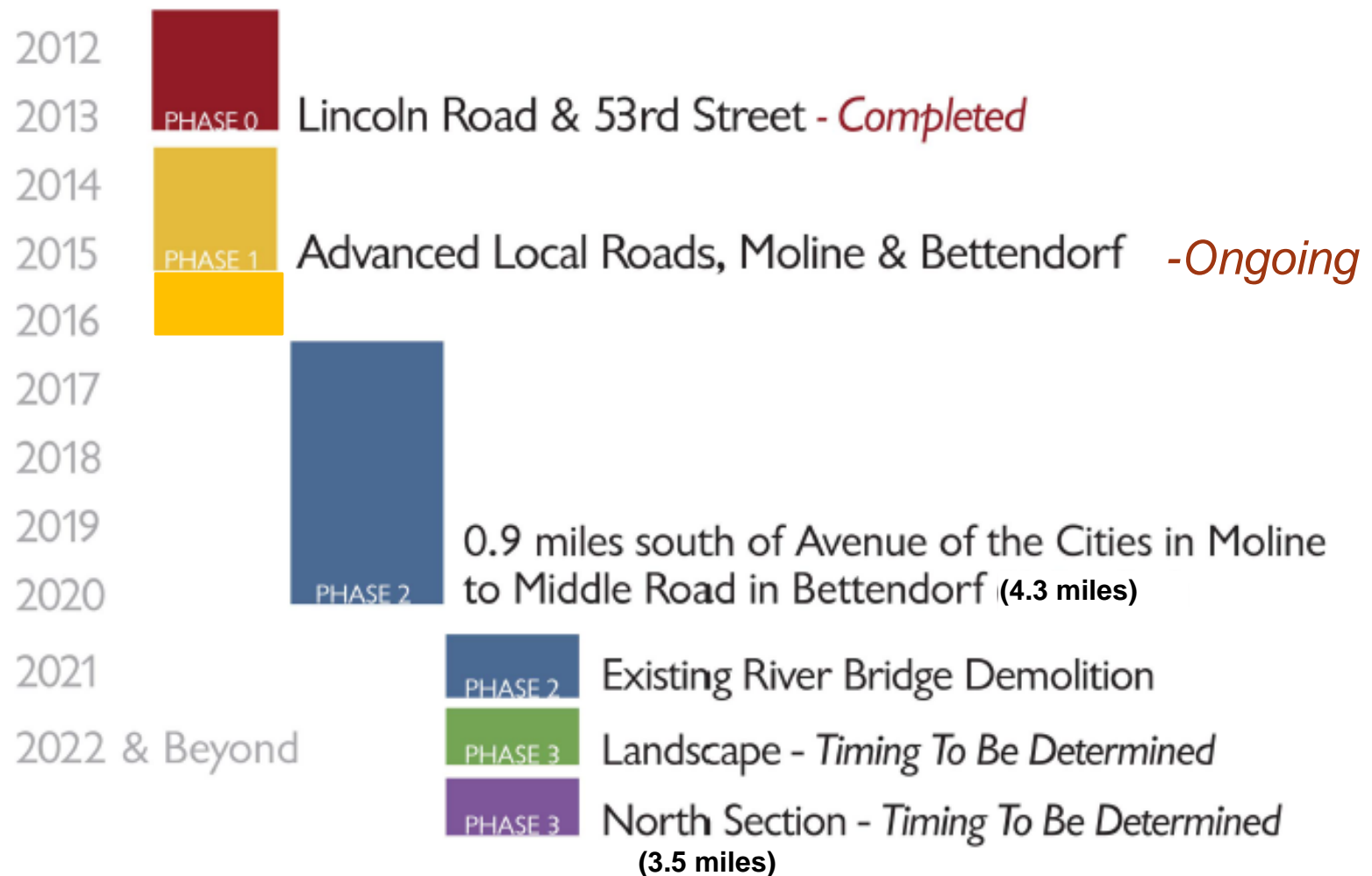
Sylvan
Slough

EXISTING I-74
TO BE REMOVED



Phasing of Work

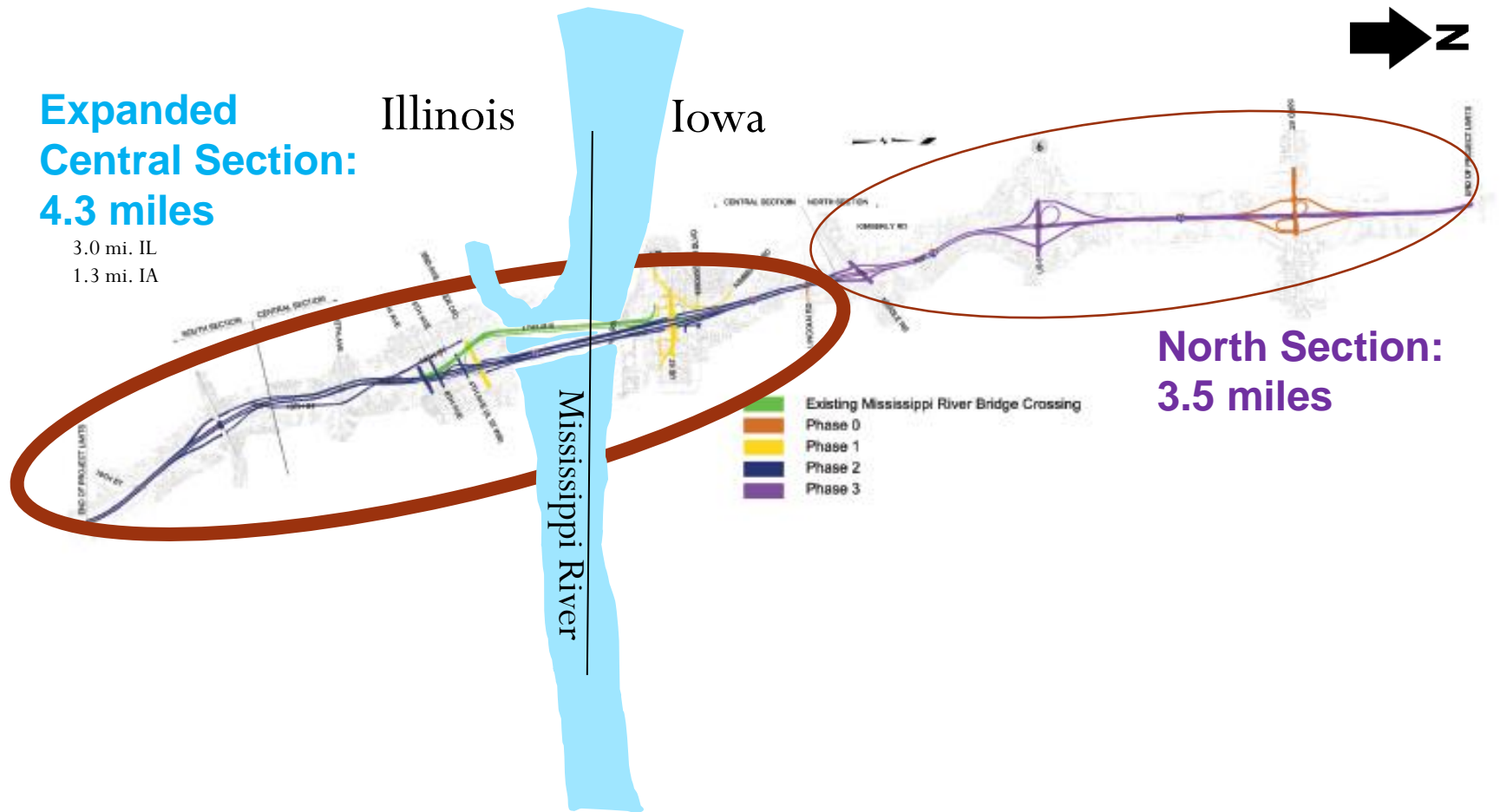
Proposed Phasing:



Proposed Phasing:

Expanded Central Section: 4.3 miles

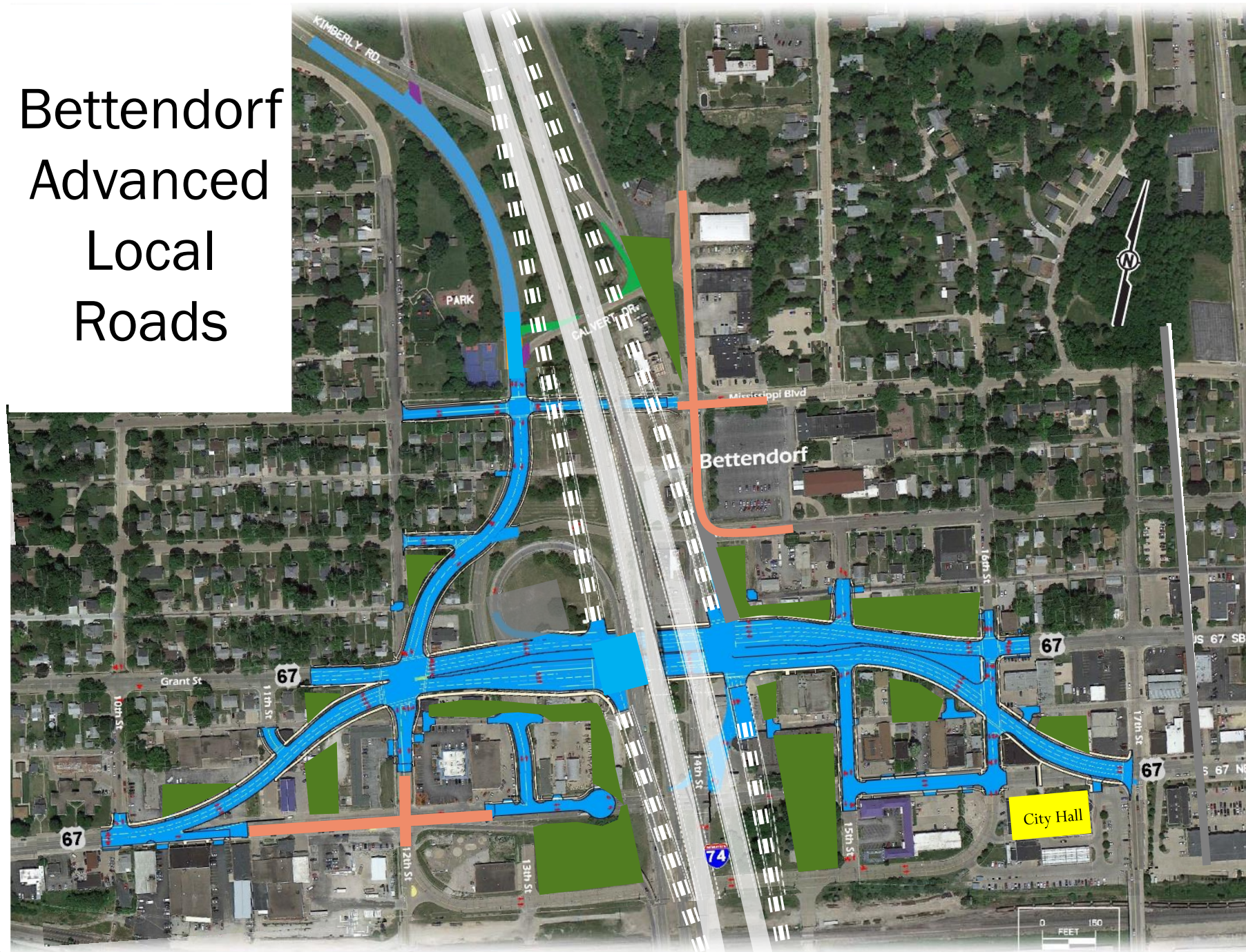
3.0 mi. IL
1.3 mi. IA



Moline Advanced Local Roads



Bettendorf Advanced Local Roads







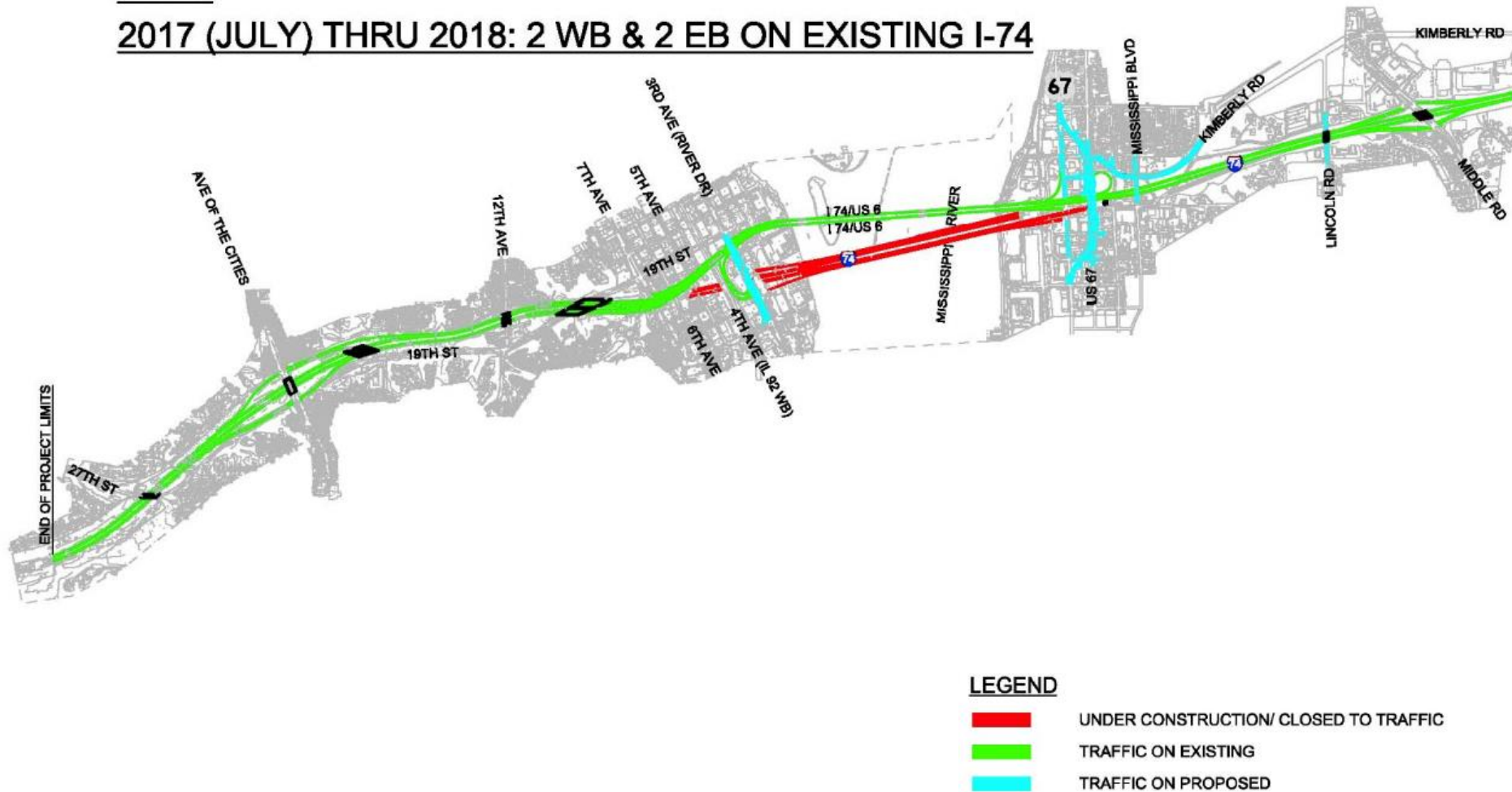
Staging of Mainline I-74

Proposed Mainline I-74 Staging

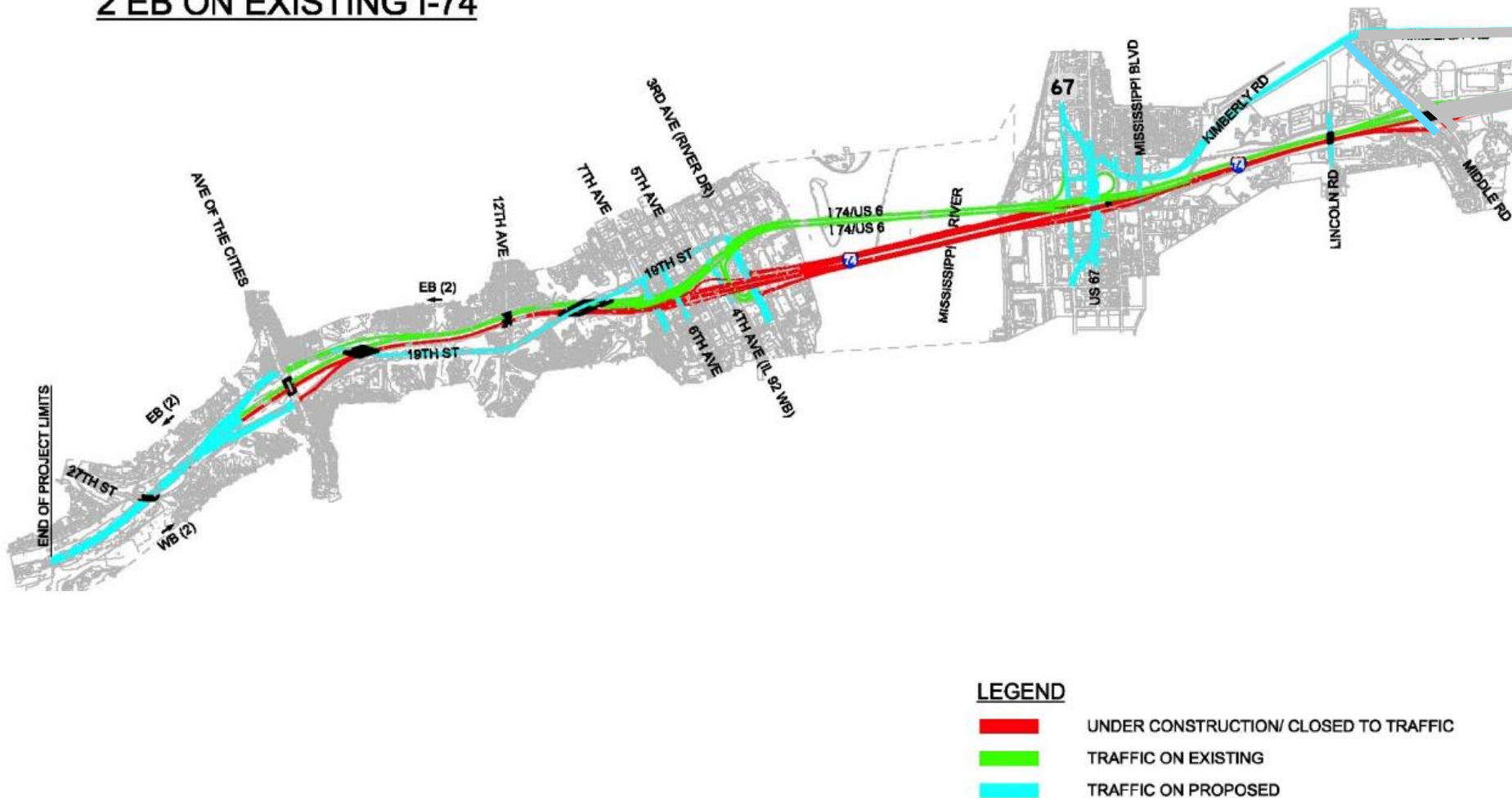
- Simplified staging
- Gives the contractors more room to work
- River Bridge work to start in late 2017.
- Work on Iowa Bound I-74 in 2019.
- Work on Illinois Bound I-74 in 2020.

YEAR

2017 (JULY) THRU 2018: 2 WB & 2 EB ON EXISTING I-74

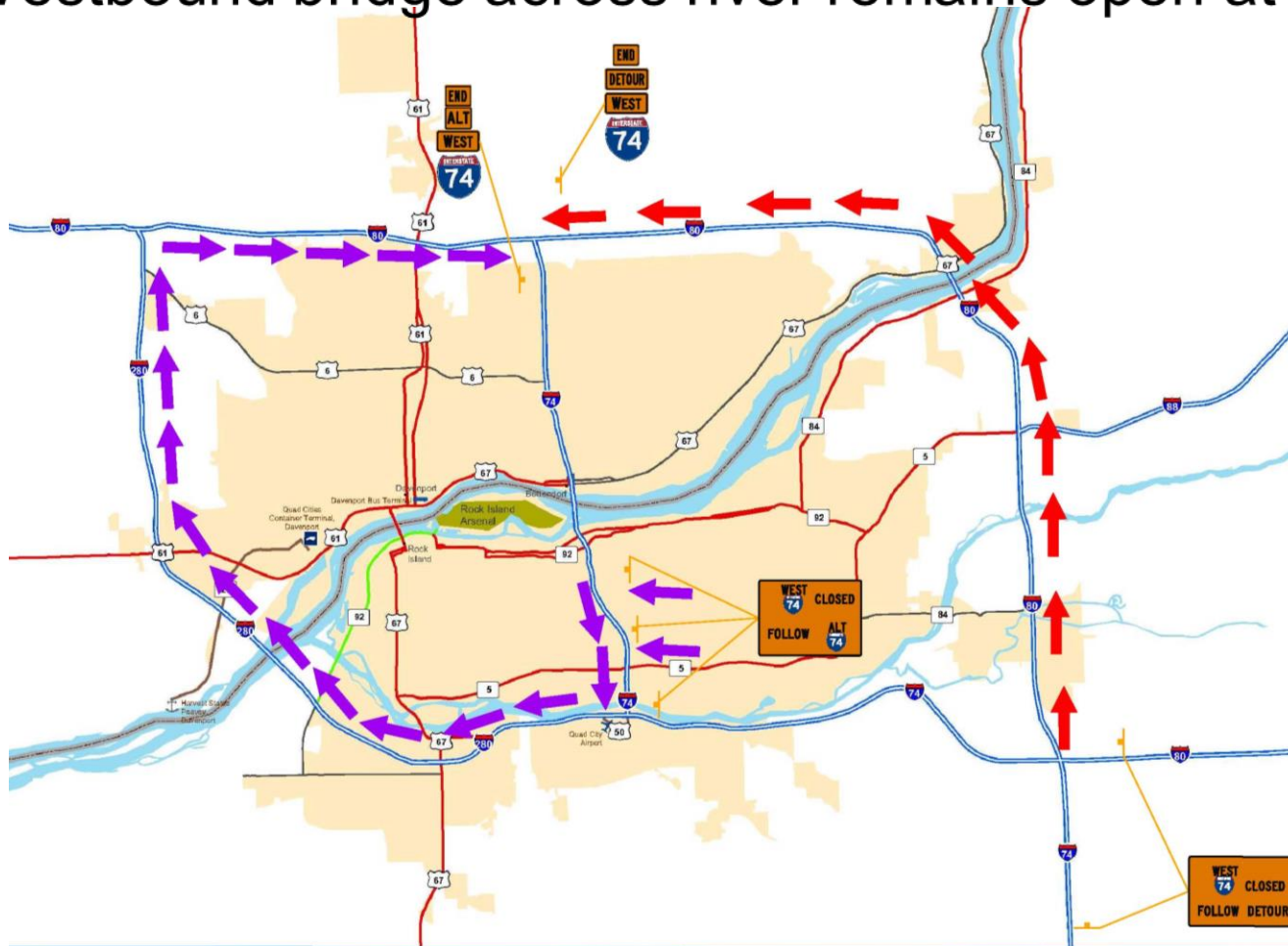


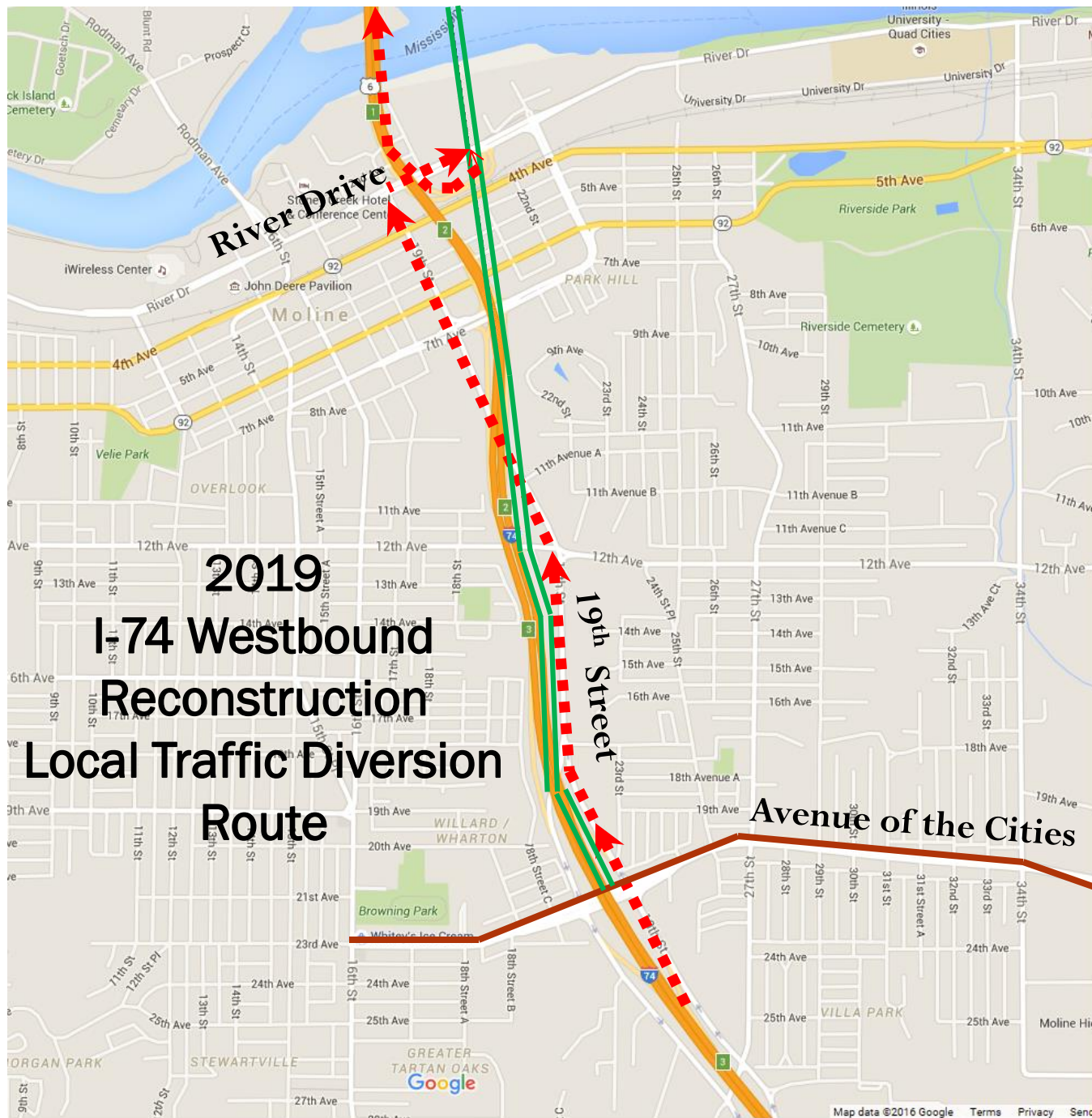
2019 - I-74 WB CLOSED: WB MAINLINE DETOURED TO LOCAL NETWORK, MAINTAIN WB LOCAL RIVER CROSSING.
2 EB ON EXISTING I-74



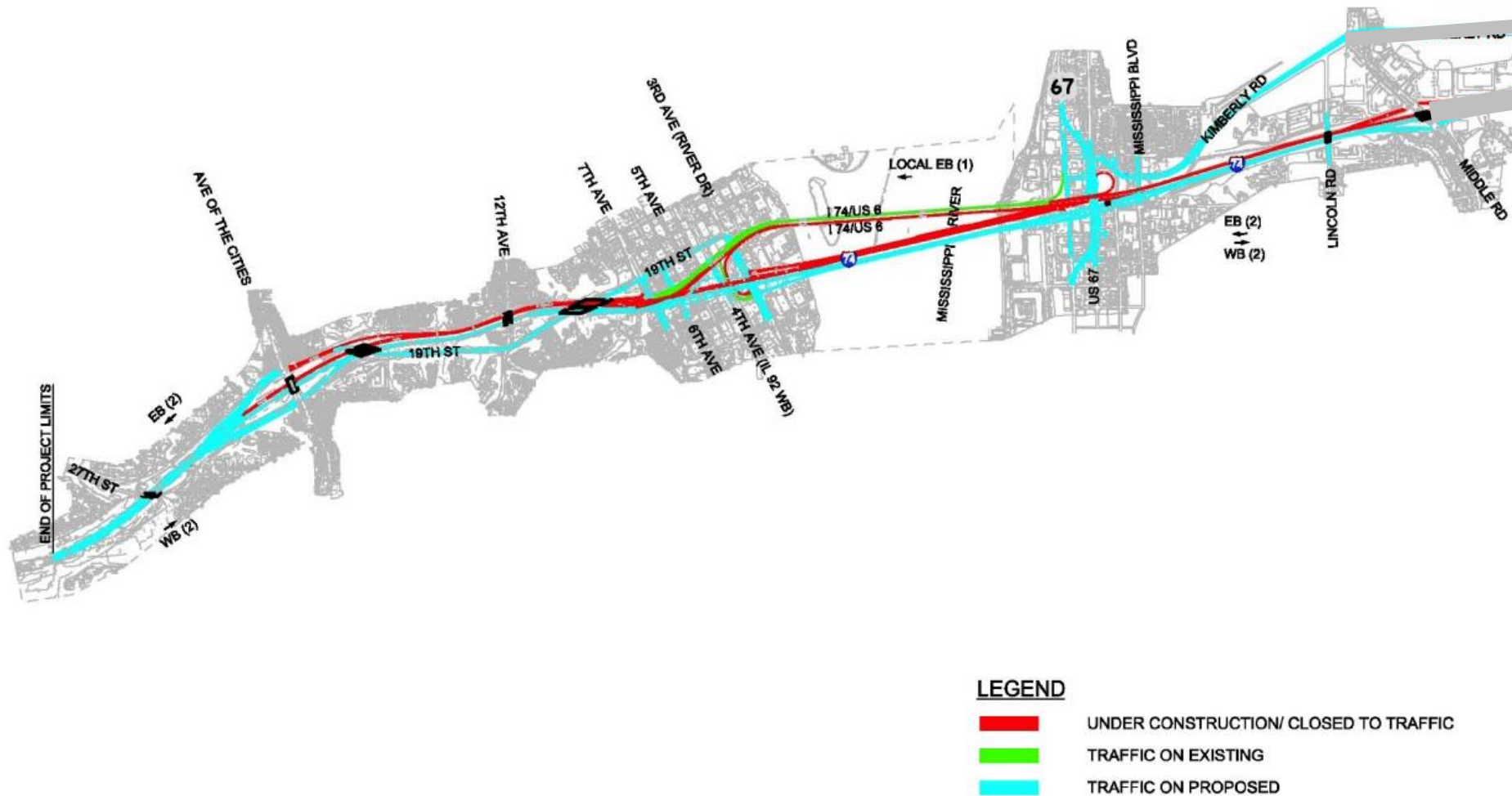
2019: I-74 Westbound Alternate/Detour Routes

- ▶ I-74 eastbound remains open at all times
- ▶ Westbound bridge across river remains open at all times





2020: 2 WB & 2 EB ON NEW I-74 WB



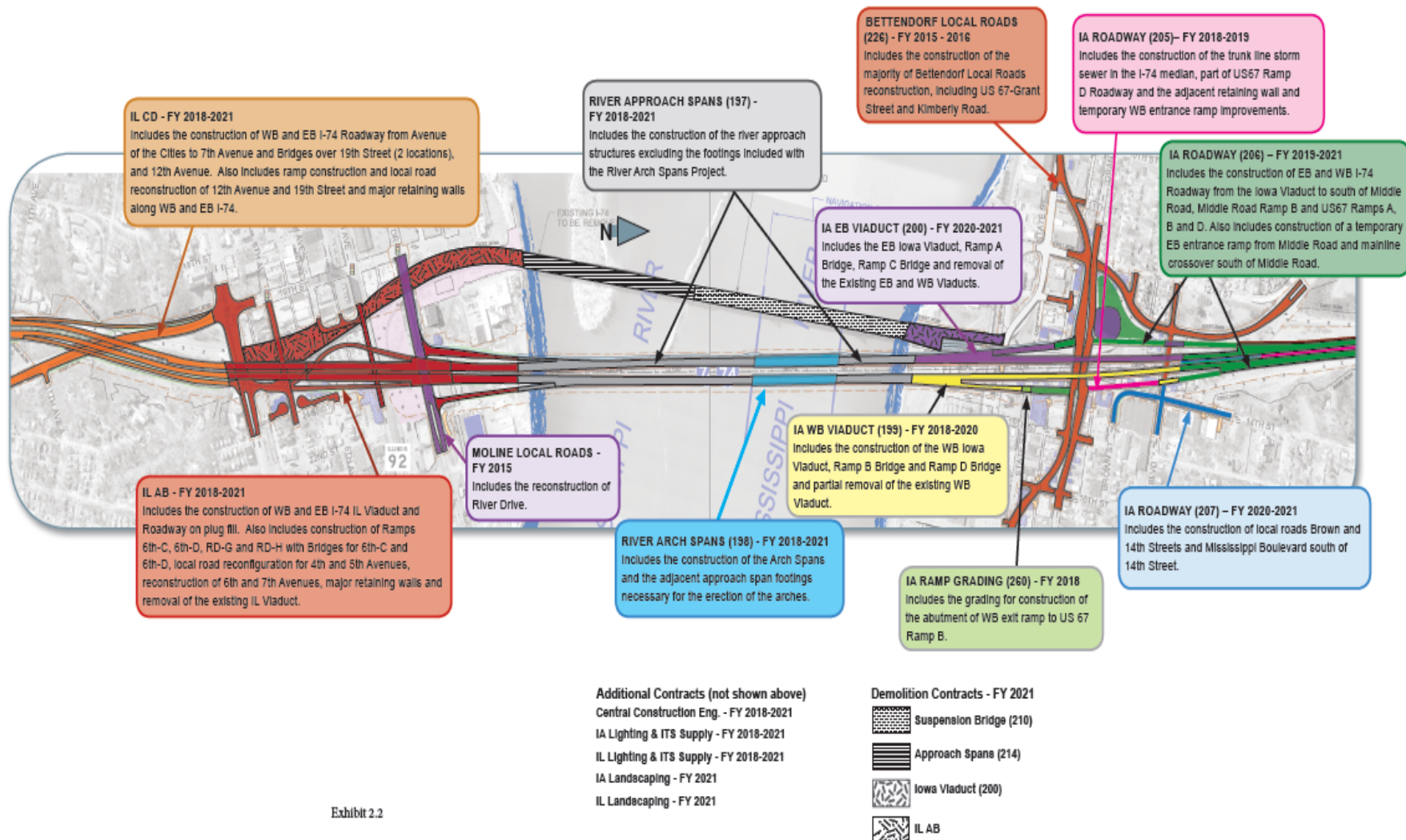


Exhibit 2.2

 Mainline & Ramps
Illinois CD
2018-2020



Illinois South

I-74 Construction Contracts

Note that this exhibit shows only the major construction contracts, not including supply contracts, demolition, local roads or landscaping.

Mainline & Ramps
Illinois CD
2018-2020

Illinois Viaduct & Ramps
Illinois AB
2017-2020

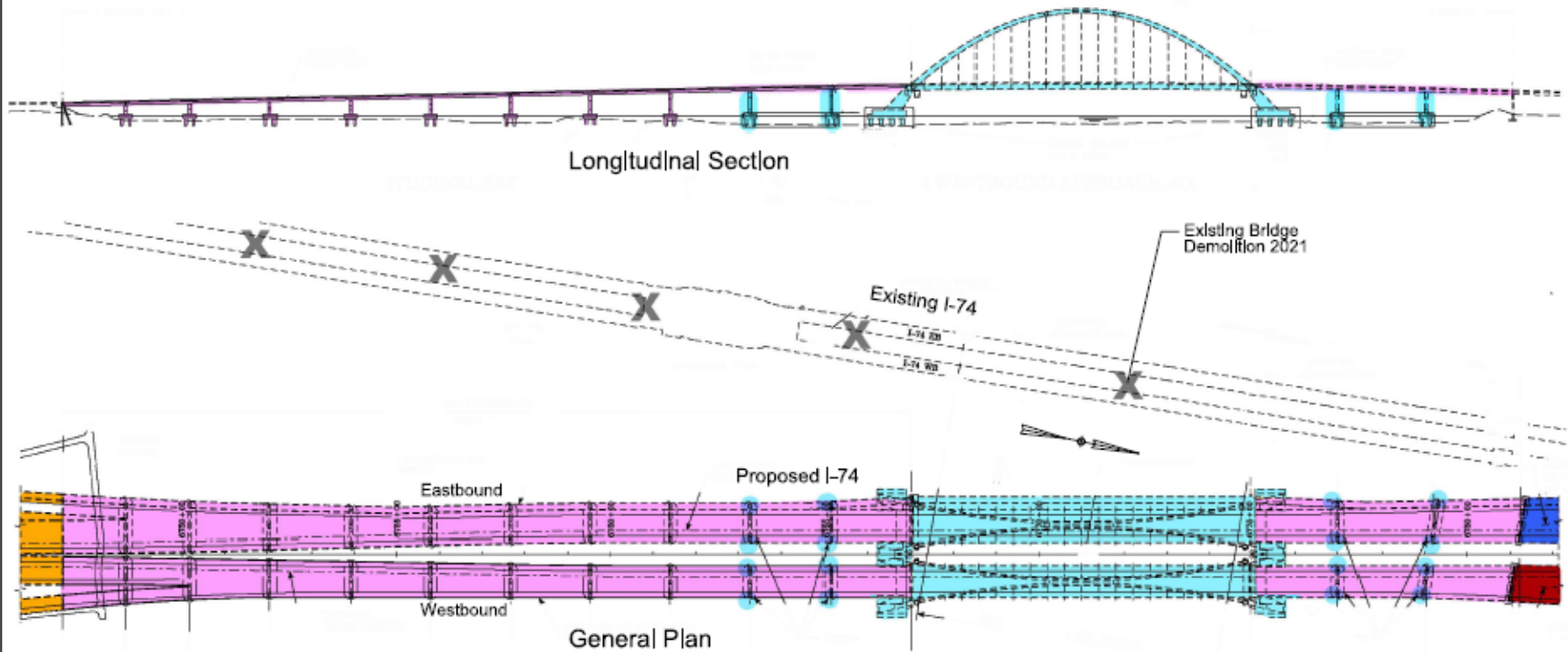


Illinois Central

Note that this exhibit shows only the major construction contracts, not including supply contracts, demolition, local roads or landscaping.

River Bridge Approach Spans
Iowa (197)
2017-2020

River Bridge Arch Spans
Iowa (198)
2017-2020



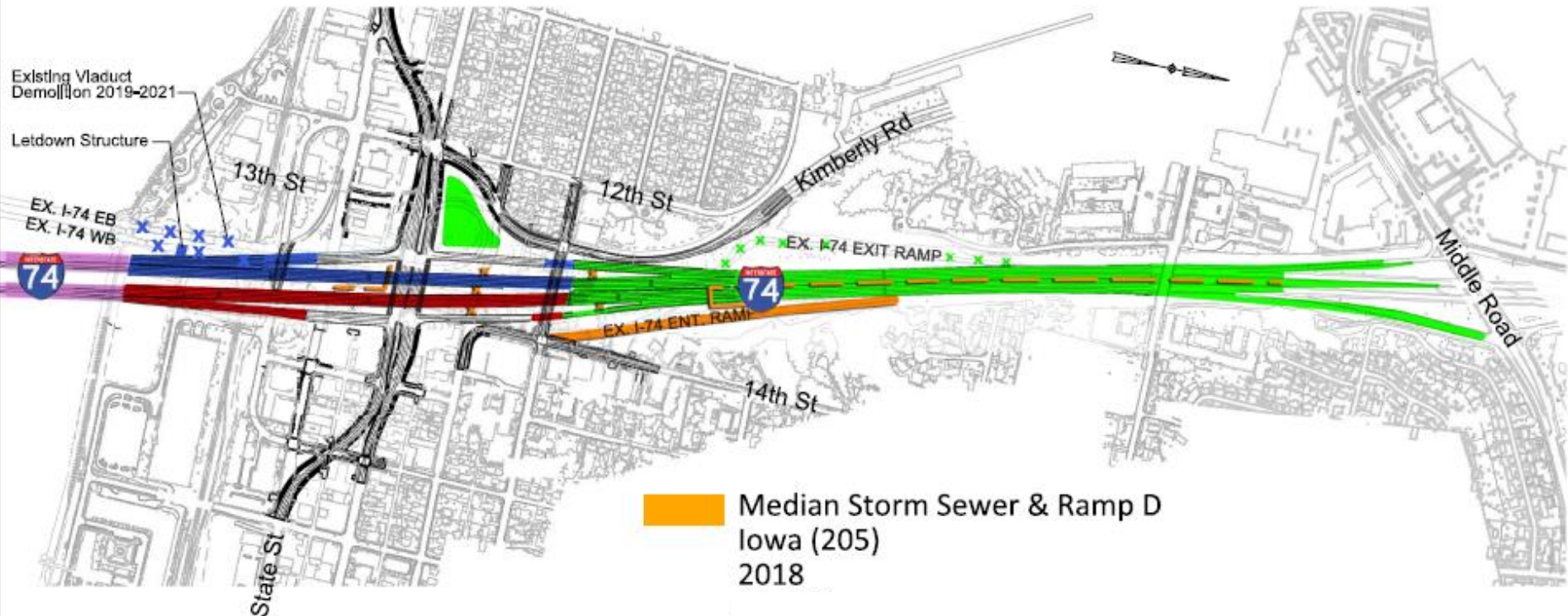
River Bridge

Note that this exhibit shows only the major construction contracts, not including supply contracts, demolition, local roads or landscaping.

WB Iowa Viaduct
Iowa (199)
2017-2019

EB Iowa Viaduct
Iowa (200)
2019-2020

Mainline & Ramps
Iowa (206)
2019-2020

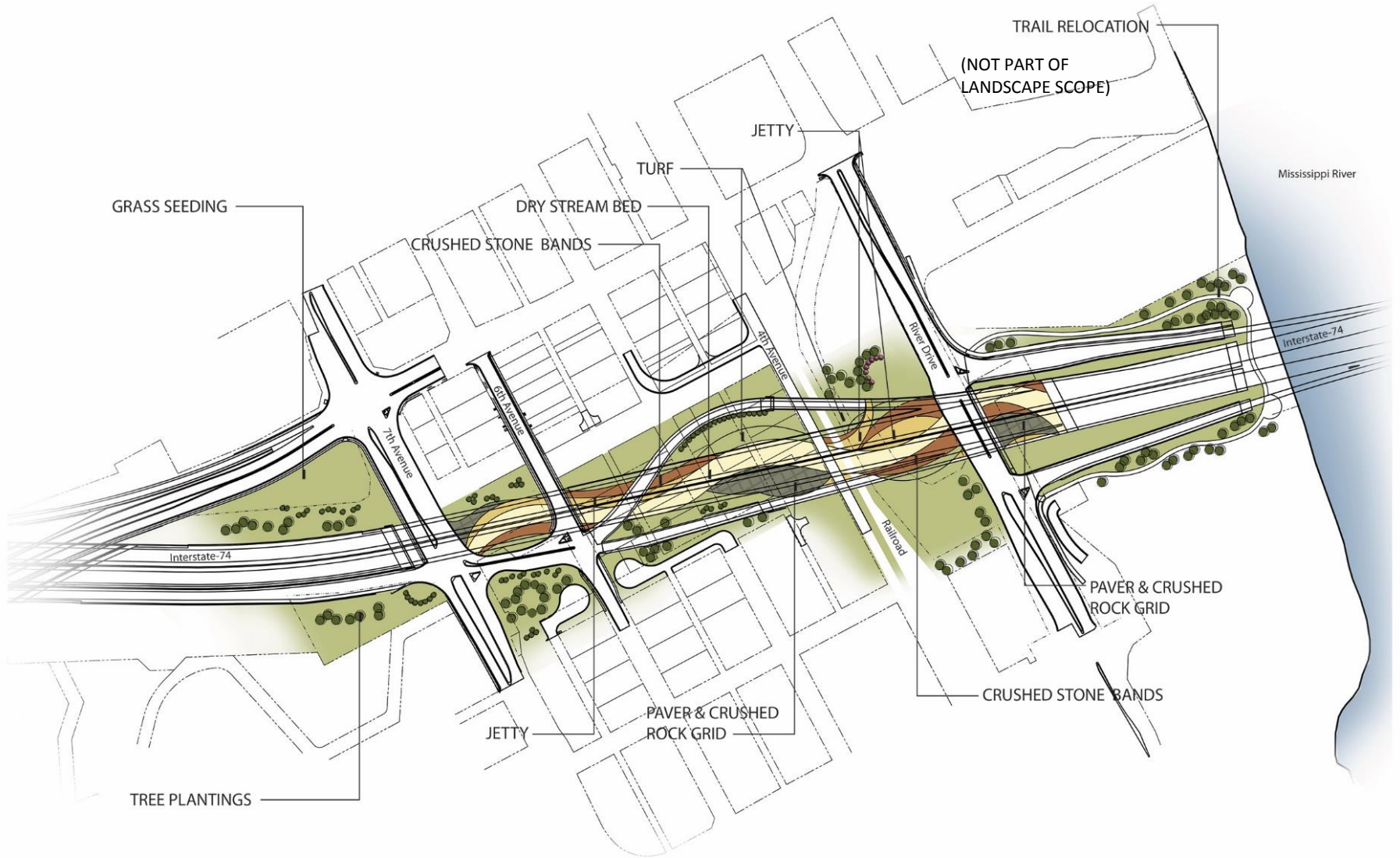


Iowa Viaduct & Roadway

Note that this exhibit shows only the major construction contracts, not including supply contracts, demolition, local roads or landscaping.

Aesthetics & Landscaping

Moline Concept



MOLINE - LANDSCAPING PHASE 1

CONCEPTUAL URBAN PARK PLAN

OCTOBER 22, 2014

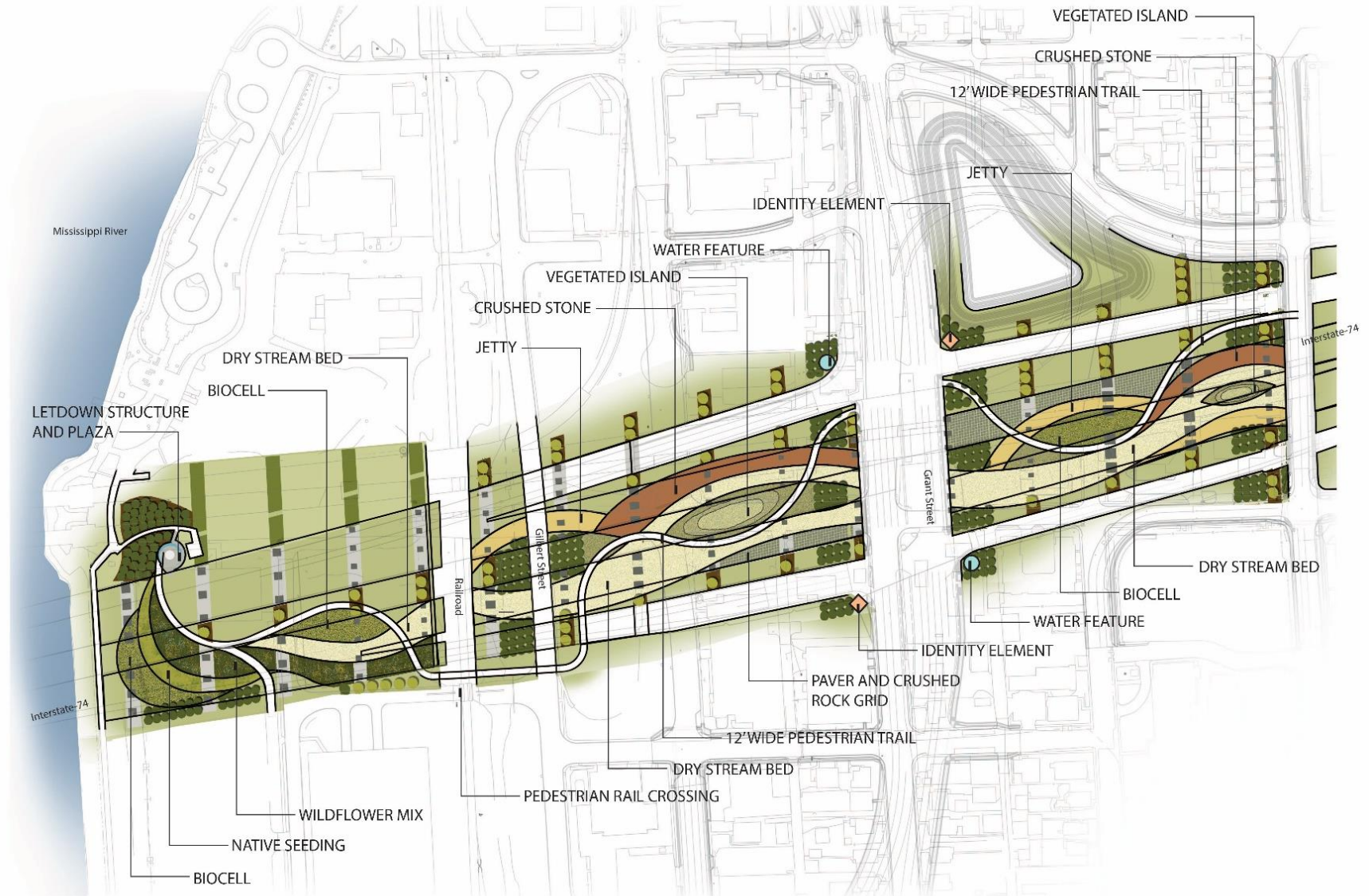
SHIVEHATTERY
ARCHITECTURE+ENGINEERING



Moline Urban Park View 1



Bettendorf Concept



BETTENDORF - LANDSCAPING ALL AT ONCE

Bettendorf Urban Park



Bettendorf Urban Park



Bettendorf US 67 Interchange



Aesthetic Lighting



Schedule and Costs

Current Timeline for the I-74 Corridor

- 2016 Select a GEC
- Spring 2017 Letting for River Bridges
- July 2017 Begin Work in the River
- 2019 I-74 Westbound (Iowa bound)
- 2020 I-74 Eastbound (Illinois bound)
- 2021 Remove Existing River Bridges
- 2021 Landscaping (Urban Parks)
- TBD Begin North Section in Iowa

Corridor Cost Estimate: \$1.2 BILLION

PROJECT COSTS

<u>CONSTRUCTION TIME FRAME</u>		<u>COST*</u>
Completed	PHASE 0	Lincoln Road \$4 million 53rd Street \$14 million
2014 through 2016	PHASE 1	Moline Local Roads \$7 million Bettendorf Local Roads \$19 million
July 2017 through November 2020	PHASE 2	Central Section South Section \$1,002 million
To be determined	PHASE 3	North Section \$160 million
		<u>\$1,206 million*</u>

*Year of expenditure (YOE) dollars. Includes construction, ROW, utilities, engineering, contract incentives, risk

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Current Funding

- Iowa and Illinois Highway Programs
- Over \$85 million of congressionally-designated federal funds
- Local officials continue to work with Congressional representatives to obtain additional federal funds

Our Partners:



I-74 Quad Cities

